

### Abstract of the Disclosure

5 *Sub* Some embodiments of the invention include a computer system comprising a bus,  
a processor and a computer readable medium external to the processor. The computer  
readable medium coupled to the processor by the bus and the computer readable medium  
to store instructions to implement microcode functions. Some other embodiments of the  
invention include a method of using firmware as microcode. The method comprises  
storing programmed code in firmware and executing the programmed code. The method  
further comprises updating one or more registers associated with a logic unit on the  
10 processor in response to the execution of the programmed code and controlling one or  
~~more functions of the logic unit on the processor based on a value stored in the register.~~

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